

## **IN THE CLAIMS:**

Claims 1-88 were previously cancelled. Claims 89, 91-93, 95, 97, 98, 101, 109, 110, 121, 122, 129-135, 141 and 143-154 are currently amended. Claims 96, 99, 107 and 142 are currently cancelled. Claims 90, 94, 102-106, 108, 111-117, 124, 125, 127, 128, 136-140 and 157-167 are withdrawn. It is to be noted that many ones of the withdrawn claims have also been amended and are so identified. Claims 100, 118-120, 123, 126, 155 and 156 are carried forward, all as follows:

Claims 1-88 (Cancelled)

89. (Currently Amended) A device for transporting reels of material comprising:

a reel preparation station adapted to prepare said reels of material;

an intermediate a reel storage area adapted to receive and to store a plurality of said reels of material received from said reel preparation station, each of said reels of material having a reel width in an axial direction of each said reel of material;

a plurality of storage spaces in said storage area;

a plurality of at least one primary transport carriages each carriage adapted to support one of said reels a reel of material in said reel preparation station and in said intermediate reel storage area;

a web-processing machine including at least one web-processing station and a reel changer having an uploading and unloading position, said at least one web-

processing station and said reel changer being arranged sequentially in a longitudinal direction of web travel through said web-processing machine, said intermediate reel storage area being located adjacent said web-processing machine; and

a transport route for each said primary transport carriage and extending directly from said intermediate reel storage area to said reel changer in said web-processing machine, said transport route being parallel with said longitudinal direction of web travel through said web-processing machine, ~~said at least one primary transport carriage being movable along said transport route for moving the reels of material;~~

at least one secondary transport carriage, said at least one secondary transport carriage being adapted to receive one of said primary transport carriages in said reel preparation station and to transport each said primary transport carriage and its supported one of said reels of material directly to said intermediate reel storage area along said transport route and to transport each said primary transport carriage directly between said intermediate reel storage area and said uploading and unloading position of said reel changer; and

a plurality of reel storage spaces in said intermediate reel storage area, at least two of said reel storage spaces being aligned directly one in front of the other in said longitudinal direction of said web processing machine, each of said at least two longitudinally aligned ones of said plurality of reel storage spaces having a storage space width equal to twice said reel width of each said reel of material.

90. (Withdrawn Amended) The device of claim 89 further including ~~a plurality of said~~

~~primary transport carriages~~ and wherein each of said primary transport carriages is assigned to a fixed one of said plurality of reel storage spaces space in said intermediate reel storage area.

91. (Currently Amended) The device of claim 89 wherein ~~further including a secondary transport carriage,~~ two of said primary transport carriages can be being supported on said at least one secondary transport carriage, ~~said secondary transport carriage being usable to travel along said transport route to said reel changer of said web processing machine, at least two adjacent ones of said plurality of storage space being adapted to receive said secondary storage carriage and said two reels of material.~~

92. (Currently Amended) The device of claim 89 wherein said transport route is located before, in said direction of web travel, said reel changer, and said plurality of reel storage spaces are arranged on first and second sides of said transport route.

93. (Currently Amended) The device of claim 89 wherein said plurality of reel storage spaces are arranged parallel to said direction of web travel and before said web-processing machine.

94. (Withdrawn Amended) The device of claim 89 further wherein said reels of material are removed from said plurality of reel storage spaces from a side of said

storage spaces facing away from said web-processing machine.

95. (Currently Amended) The device of claim 89 wherein said reels of material are each stored in one of said reel storage spaces on ones of said primary transport carriages.

96. (Cancelled)

97. (Currently Amended) The device of claim 89 ~~further including a reel preparation station adapted for application of splice elements to said reels of material and wherein~~ said reel storage spaces are located intermediate said reel preparation station and said web-processing machine.

98. (Cancelled)

99. (Currently Amended) The device of claim 89 wherein at least two reels of material, which have been unpacked and prepared with splices in said reel preparation station, are held in said plurality of reel storage spaces.

100. (Previously Presented) The device of claim 99 wherein all of said reels of material are prepared with said splices.

101. (Currently Amended) The device of claim 89 wherein one of said primary transport carriages is positionable in each said reel storage space.

102. (Withdrawn Amended) The device of claim 101 wherein any ones of said primary transport carriages is reusable in any one of said plurality of reel storage spaces.

103. (Withdrawn Amended) The device of claim 89 further including a reel of material unpacking station in said reel preparation station and wherein each of said of ~~at least one~~ primary transport carriages ~~carriage~~ can be moved along said transport route to said unpacking station.

104. (Withdrawn Amended) The device of claim 103 further including a splice preparation station in said reel preparation station and wherein each of said ~~at least one~~ primary transport carriages ~~carriage~~ can be moved along said transport route to said splice preparation station.

105. (Withdrawn) The device of claim 104 wherein said splice preparation station includes said unpacking station.

106. (Withdrawn Amended) The device of claim ~~89~~ 96 wherein said transport route is a virtual extension of said direction of web travel.

107. (Cancelled)

108. (Withdrawn Amended) The device of claim 90 wherein said plurality of primary transport carriages are removable from said reel storage spaces from a side of said reel storage spaces facing away from said web-processing machine.

109. (Currently Amended) The device of claim 89 further including branch lines extending perpendicularly from said transport route to said plurality of reel storage spaces.

110. (Currently Amended) The device of claim 89 wherein said plurality of reel storage spaces are provided on one side of said transport route.

111. (Withdrawn Amended) The device of claim ~~89~~ 96 further including a position-sensing system provided along at least a portion of said transport route and usable for precise positioning of said at least one secondary transport carriage ~~carriages~~.

112. (Withdrawn) The device of claim 89 further including a secured area positioned around said storage area.

113. (Withdrawn) The device of claim 112 further including a perimeter fence defining said secured area.

114. (Withdrawn) The device of claim 112 further including a reel changer area security system and forming said secured area.

115. (Withdrawn) The device of claim 112 wherein said secured area includes at least one transfer channel.

116. (Withdrawn) The device of claim 115 further including one of photoelectric beams and ultrasound sensors in said storage area at said transfer channel.

117. (Withdrawn) The device of claim 116 wherein said one of said photoelectric beams and ultrasound sensors are arranged at different levels.

118. (Previously Presented) The device of claim 89 further including a plurality of said web-processing stations arranged one in front of the other in said direction of web travel.

119. (Previously Presented) The device of claim 89 wherein said at least one web-processing station is a printing couple of a rotary printing press.

120. (Previously Presented) The device of claim 119 wherein said printing couple defines a horizontal web path.

121. (Currently Amended) The device of claim 89 wherein said intermediate reel storage area is a FIFO storage area.

122. (Currently Amended) The device of claim 89 further including a web-processing machine control center adjacent said intermediate reel storage area.

123. (Currently Amended) The device of claim 89 further including wheels on each of said plurality of at least one primary transport carriages carriage and rails defining said transport route and adapted to receive said wheels.

124. (Withdrawn Amended) The device of claim 89 ~~96~~ further including wheels on said secondary transport ~~support~~ carriage and rails defining said transport route and adapted to receive said wheels.

125. (Withdrawn) The device of claim 124 further including primary transport carriage receiving rails on said secondary transport carriage.

126. (Previously Presented) The device of claim 123 further including a primary transport carriage chain drive.

127. (Withdrawn) The device of claim 125 wherein said primary transport carriage receiving rails on said secondary transport carriage are spaced at a distance from each



other.

128. (Withdrawn) The device of claim 127 wherein said rail spacing distance is greater than a maximum diameter of a reel of material to be transported.

129. (Currently Amended) The device of claim 89 wherein at least some of said plurality of reel storage spaces accommodate at least a single one of said primary transport carriages.

130. (Currently Amended) The device of claim 89 wherein a majority of said plurality of reel storage spaces accommodate at least a single one of said primary transport carriages.

131. (Currently Amended) The device of claim 89 wherein each of said plurality of reel storage spaces accommodate at least a single one of said primary transport carriages.

132. (Currently Amended) The device of claim 129 wherein others of said plurality of reel storage spaces accommodate at least two of said primary transport carriages.

133. (Currently Amended) The device of claim 130 wherein said majority of said plurality of reel storage spaces accommodate at least two of said primary transport carriages.

134. (Currently Amended) The device of claim 131 wherein all of said plurality of reel storage spaces accommodate at least two of said primary transport carriages.

135. (Currently Amended) The device of claim 89 wherein each of said ~~at least one of~~ said primary transport carriages is adapted to accommodate a partial reel of material.

136. (Withdrawn Amended) The device of claim ~~89~~ 96 further including a second reel storage area, each of said ~~first~~ intermediate reel storage area and said second reel storage area being provided with a separate one of said at least one secondary transport carriage carriages.

137. (Withdrawn) The device of claim 136 further including two secondary transport carriage transport routes arranged parallel to each other.

138. (Withdrawn Amended) The device of claim 136 wherein said intermediate reel storage area ~~first~~ and said second reel storage areas are connected to each other by a track.

139. (Withdrawn Amended) The device of claim 136 further including a splice preparation area between said intermediate reel storage area ~~first~~ and said second reel storage area areas.

140. (Withdrawn Amended) The device of claim 139 wherein said secondary transport carriage is adapted to transport splice-prepared reels of material to said intermediate reel storage area.

141. (Currently Amended) The device of claim 89 85 wherein each of said reels of material has a reel diameter and further wherein a spacing between adjacent ones of said reel storage spaces is greater than said reel diameter.

142. (Cancelled)

143. (Currently Amended) The device of claim 141 wherein spacings of a majority of said reel storage spaces are each greater than said reel diameter.

144. (Currently Amended) The device of claim 89 442 wherein a majority of said reel storage areas are each sized to store two of said reels of material.

145. (Currently Amended) The device of claim 143 wherein spacings of all of said reel storage spaces are greater than said reel diameter.

146. (Currently Amended) The device of claim 144 wherein all of said reel storage areas are each sized to store two of said reels of material.

147. (Currently Amended) The device of claim 89 wherein at least three of said reel storage spaces are arranged on both of first and second sides of said transport route.

148. (Currently Amended) The device of claim 89 wherein at least two adjacent ones of said reel storage spaces are adapted to store new ones of said reels of material.

149. (Currently Amended) The device of claim 148 wherein at least a majority of said reel storage spaces are adapted to store said new ones of said reels of material.

150. (Currently Amended) The device of claim 149 wherein all of said reel storage spaces are adapted to store said new ones of said reels of material.

151. (Currently Amended) The device of claim 89 wherein reels of material having a maximum reel diameter can be stored in at least two adjacent ones of said reel storage spaces arranged directly one in front of the other in said direction of web travel.

152. (Currently Amended) The device of claim 151 wherein said reels of material having said maximum reel diameter can be stored in a majority of said adjacent ones of said reel storage spaces.

153. (Currently Amended) The device of claim 151 wherein said reels of material having said maximum reel diameter can be stored in all of said adjacent ones of said

reel storage spaces.

154. (Currently Amended) The device of claim 119 wherein said at least one printing couple, said reel changer and said intermediate reel storage area are in a common plane.

155. (Previously Presented) The device of claim 154 including a plurality of printing couples in said web-processing machine and all on said common plane.

156. (Previously Presented) The device of claim 89 wherein said web processing machine has a single reel changer.

157. (Withdrawn Amended) The device of claim ~~89~~ 96 further including a web dryer having a web dryer longitudinal axis and being in said web-processing machine, and further including when a secondary support carriage transport route is aligned with said web dryer a longitudinal axis ~~of said web dryer~~.

158. (Withdrawn Amended) The device of claim ~~157~~ 96 ~~further including a web dryer in said web processing machine and wherein~~ said a secondary transport carriage transport route is parallel to and offset from said web dryer a longitudinal axis ~~of said web dryer~~.

159. (Withdrawn Amended) The device of claim 89 further including reel transport ~~drive device~~ means in a majority of said reel storage spaces.

160. (Withdrawn Amended) The device of claim 89 further including an under floor transport carriage conveyance system in each of a majority of said reel storage spaces.

161. (Withdrawn Amended) The device of claim 160 wherein each said under floor transport carriage conveyance system has a continuous mode of propulsion.

162. (Withdrawn) The device of claim 161 wherein said continuous mode of propulsion is a chain.

163. (Withdrawn Amended) The device of claim 89 further including a drive for each of said plurality of primary transport carriages carriage.

164. (Withdrawn Amended) The device of claim 159 wherein each said reel storage space includes one of said reel transport drive means.

165. (Withdrawn Amended) The device of claim 160 wherein each of said reel storage spaces has an under floor transport carriage conveyance system.

166. (Withdrawn Amended) The device of claim ~~89~~ 96 wherein said at least one secondary transport carriage has a separate drive.

167. (Withdrawn Amended) The device of claim 166 further including a primary transport carriage drive means and wherein said at least one secondary transport carriage is independent of said a primary transport carriage drive means.